

Claims

1. Climate control device for a passenger compartment of a motor vehicle, having a base layer (8), having a cover layer (12) that faces a passenger (96) and is arranged to at least partially overlap the base layer (8), and having an intermediate layer (10) that is arranged between the base layer (8) and the cover layer (12) and that has at least one support element (14) in the form of a spiral spring that holds the base layer (8) and the cover layer (12) apart from one another in order to maintain a hollow space (37) between them, **characterized in that** the climate control device has at least one electrical conductor (43), which is arranged in the hollow space (37).
2. Device according to claim 1, **characterized in that** the climate control device has at least one electric heating element (49) and that the electrical conductor (43) and/or the electrical heating element (49) are composed of a heating conductor (44).
3. Device according to one of the preceding claims, **characterized in that** the electrical conductor (43) runs at least partly along the support element (14), preferably inside and/or outside the space (3) enclosed by the coils of the support element (14).
4. Device according to one of the preceding claims, **characterized in that** a plurality of electrical conductors (38) or conductor sections (41, 41') are provided which are electrically wired in parallel to one another and/or are routed

approximately parallel to one another, and which are connected to one another through at least one common bus bar (45) and/or by alternating connection of the ends of a conductor section (41) with the respective end of adjacent conductor sections (41').

5. Device according to one of the preceding claims, **characterized in that** at least one conductor (43) is equipped with at least one heating component (47), which preferably has a heating resistance with PTC characteristics, preferably with a semiconductor ceramic with barium titanate.
6. Device according to one of the preceding claims, **characterized in that** at least one conductor (43) is equipped with a plurality of heating components (47), which preferably are connected electrically in parallel to one another. .
7. Device according to one of the preceding claims, **characterized in that** the electrical conductor (43) is composed of a flat cable and/or a flat conductor.
8. Device according to one of the preceding claims, **characterized in that** the device has a fan device (60), which is fastened to the support element (14) by a direct or indirect anchoring means (97).
9. Device according to one of the preceding claims, **characterized in that** the anchoring means has a retaining device (98) – in particular a welded on retaining plate or a guide stud – which has on it at least one support element (14) on which the ventilating device (60) can be mounted, and in that the ventilating device (60)

has a fastening device (100) – in particular hooks, clips or cable ties – by means of which the ventilating device (60) can be attached to the at least one support element (14), and/or in that the anchoring means (97) has at least one vibration damper (99') that damps transmission of vibrations from the fan device (60) to the support element (14), preferably in the form of rubber pegs.

10. Device according to one of the preceding claims, **characterized in that** regulation of the heat output of the heating element (49) takes place by means of the PTC characteristics of the heating element (49) and/or the volume flow of the ventilating device (60).